

MT-CO3 Rabbit pAb

Catalog No.: A17891 **1 Publications**

Basic Information

Observed MW

30kDa

Calculated MW

30kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

Cross-Reactivity

Human, Mouse, Rat

Background

Predicted to enable electron transfer activity and oxidoreduction-driven active transmembrane transporter activity. Involved in respiratory chain complex IV assembly. Part of respiratory chain complex IV. Implicated in MELAS syndrome.

Recommended Dilutions

WB	1:500 - 1:1000
IHC-P	1:100 - 1:200

Immunogen Information

Gene ID

4514

Swiss Prot

P00414

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human MT-CO3 (YP_003024032.1).

Synonyms

COIII; MTCO3; COX3; MT-CO3

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

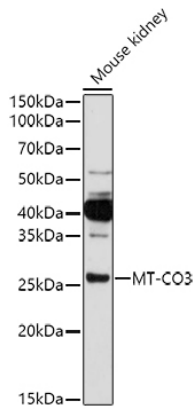
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from Mouse kidney, using MT-CO3 Rabbit pAb (A17891) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 180s.